

## EAST Search History

| Ref # | Hits    | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|---|------------------|---------|------------------|
| L9    | 447     | backside near2 access\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/01 13:22 |
| L10   | 1726583 | backside wqith access\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/01 13:22 |
| L11   | 1077    | backside with access\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/01 13:23 |
| L12   | 3       | backside with access\$6 same<br>damag\$4 near4 substrate                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/01 13:27 |
| L13   | 326     | bga and packag\$3 and cavity and<br>pad and wire near2 bond\$3 and<br>access | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/01 14:47 |
| L14   | 2640    | (257/678,659).CCLS.  | US-PGPUB;<br>USPAT                                      | OR               | OFF     | 2006/03/01 13:28 |
| L15   | 1382    | (438/125,129).CCLS.  | US-PGPUB;<br>USPAT                                      | OR               | OFF     | 2006/03/01 13:28 |
| L16   | 1058    | (716/12,15).CCLS.  | US-PGPUB;<br>USPAT                                      | OR               | OFF     | 2006/03/01 13:29 |
| L17   | 5024    | L14 L15 L16  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/01 13:29 |
| L18   | 1058    | 16 and 17  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/01 13:29 |
| L19   | 7391    | 13 anf 17  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/01 13:29 |

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|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| L20 | 51    | 13 and 17  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/01 13:29 |
| L21 | 11    | die near2 up and bga and ring and cavity and access and packag\$4              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/01 14:23 |
| L22 | 15    | bga same (backside near3 (access\$3 or process\$3))                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/01 14:58 |
| L23 | 15    | bga and ((backside near3 (access\$3 or process\$3)) same (trace or connector)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/01 14:59 |
| S65 | 10    | awujoola-a\$.in. and lsi\$.as.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/01 10:39 |
| S66 | 2640  | (257/678,659).CCLS.  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2006/03/01 10:39 |
| S67 | 1382  | (438/125,129).CCLS.  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2006/03/01 10:39 |
| S68 | 1058  | (716/12,15).CCLS.  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2006/03/01 10:39 |
| S69 | 1     | ("0000234").PN.  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2006/03/01 10:40 |
| S70 | 5024  | S66 S67 S68  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/01 13:28 |
| S71 | 27167 | carrier near2 substrate  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/01 10:45 |
| S72 | 9989  | package near3 pad  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/01 10:40 |

## EAST Search History

|     |       |   |   |     |    |                  |
|-----|-------|---|---|-----|----|------------------|
| S73 | 20030 | die near3 pad   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/03/01 10:41 |
| S74 | 241   | ring near3 die near3 pad  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/03/01 10:43 |
| S75 | 3379  | backside with (processing or access)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/03/01 10:46 |
| S76 | 3     | S71 S72 S73 S75   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/03/01 10:46 |
| S77 | 44430 | (chip near2 carrier) or (carrier near2 substrate)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/03/01 10:46 |
| S78 | 0     | "113" S72 S73 S75   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/03/01 10:46 |
| S79 | 4     | S77 S72 S73 S75   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/03/01 10:46 |
| S80 | 452   | backside with (processing or access) same (restrict\$4 or damag\$4 or restrict\$3 or limit\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/03/01 10:48 |
| S81 | 235   | backside with (processing or access) same (restrict\$4 or damag\$4 or restrict\$3 or limit\$3) same (substrate or carrier or chip)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/03/01 11:07 |
| S82 | 1234  | (backside with (processing or access) or (flip near3 chip)) and (bga or (ball near2 grid)) and packag\$3 and (damag\$4 same (substrate or carrier)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/03/01 11:09 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S83 | 411347 | "257"/*.ccls. or "438"/*.ccls. or "716"/*.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/01 11:09 |
| S84 | 989    | S82 and S83                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/01 11:09 |
| S85 | 94     | S70 and S82                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/01 11:10 |
| S86 | 92     | S85: not S81                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/01 13:22 |